



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





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Criteria 2 Teaching-Learning and Evaluation

350

Key Indicator- 2.6. Student Performance and Learning Outcome (90)

2.6.2 Attainment of POs and COs are evaluated (20)

2019 - 2020

ATTAINMENT EVALUATION OF POs & COs

CIVIL ENGINEERING

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Department of Civil Engineering

Academic Year (2019 - 2020)

PO-PSO ATTAINMENT

PO/PSO	STATEMENT	ATTAINMENT VALUE
PO1	Apply knowledge of mathematics, science and engineering to Civil engineering problems	2.63
PO2	Identify, formulate, research literature and solve complex Civil engineering problems	2.13
PO3	Design various structures or particular system that meets desired specifications and requirements	1.45
PO4	Design and conduct experiments, interpret and analyze data, synthesize the information to provide conclusion	1.18
PO5	Select and use appropriate engineering techniques and software tools to analyze Civil engineering problems with understanding of limitations.	1.24
PO6	Assess local and global impact of societal issues on Civil engineering profession	1.36
PO7	Able to understand the impact of engineering solutions on society and demonstrate the knowledge of, and need for sustainable development	2.54
PO8	Demonstrate their professional and ethical responsibilities.	1.63
PO9	Able to function as a member or a leader on engineering and science laboratory teams, as well as on multidisciplinary teams	1.78
PO10	Communicate effectively in both verbal and written forms	1.65

 1.63

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PO11	Understand engineering and management principles and apply to their work as a member and/ or leader in a team to manage projects	1.45
PO12	Adapt transform in industry by understanding the need of independent and lifelong learning	1.85
PSO1	Survey, map, plan and mark layouts for buildings and other structures	1.89
PSO2	Specify, analyze, design, test and assess different structures with quality and safety aspect	2.54
PSO3	Plan, analyze, and design water resources systems with effectiveness and sustainable environmental considerations	1.28



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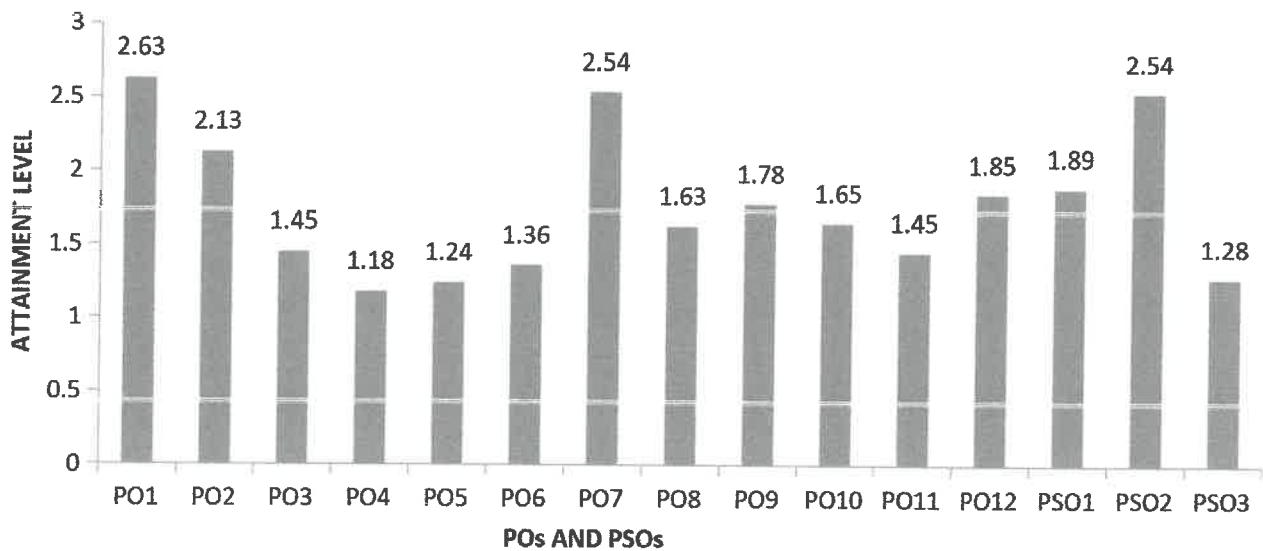


Department of Civil Engineering

Academic Year (2019 - 2020)

PO-PSO ATTAINMENT

2019 - 2020 CIVIL DEPARTMENT CO-PO-PSO ATTAINMENT



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DEPARTMENT OF CIVIL ENGINEERING ACTION TAKEN REPORT FOR CO-PO-PSO ATTAINMENT

ACADEMIC YEAR 2019 - 2020

In order to bridge the gap between the attained level with respect to the target level in each POs and PSOs, the following corrective measures were taken.

S.NO	NAME OF THE ACTIVITY PROPOSED	FOCUSED POS & PSOS
1	Value Added Course (VAC) - Advanced surveying on total station.	PO1,PO2, PO3,PO4,POS, PO9,PO10, PO12, PSO1,PSO2,PSO3
2	Entrepreneurship & Development cell (EDC) - Awareness about Entrepreneurship, innovation and importance of an E&I cell.	PO6,PO7,PO8,PO11
3	Intellectual Property Rights (IPR) - Role of IPR in green technologies	PO6,PO7,PO8,PO11
4	Language and Communication Technology (LCT)-Effect of Technology in Intercultural Communication.	PO9,PO10
5	Soft Skill Program - Way from campus to corporate	PO10
6	Life Skill Program - Entrepreneurship and Innovation.	PO8
7	Information Communication Technology (ICT) tools-AI in communication tools	PO5,PO12
8	Research Methodology (RM) - Construction safety management	PO1,PO2, PO3,PO4,PSO1,PSO2,PSO3.

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